

Author index

A

- ANDREASEN, GEORGE F., and MORROW, RAY E. Laboratory and clinical analyses of nitinol wire, 142
 ARVYSTAS, MICHAEL G. (See ROSA and ARVYSTAS), 258

B

- BARTH, HOWARD E. Presentation of the Martin Dewey Award to Marcus D. Murphey, 209
 BELL, W. H. (See OPDEBEECK and BELL), 499
 BERNABEI, RAYMOND L., and JOHNSTON, LYSLE E. The growth in situ of isolated mandibular segments, 24
 BURSTONE, CHARLES J. (See FABER, BURSTONE, and SOLONCHE), 36

C

- CEEN, RICHARD F. (See GWINNETT and CEEN), 178
 CHADHA, J. M. (See HURST et al.), 568
 COTTON, LESLIE A. Slow maxillary expansion: Skeletal versus dental response to low magnitude force in *Macaca mulatta*, 1

D

- DAVOODY, PARVIZ RIAZ, and SASSOUNI, VIKEN. Dentofacial pattern differences between Iranians and American Caucasians, 667
 DELLINGER, EUGENE L. A scientific assessment of the straight-wire appliance, 290
 DIAZ, EUSEBIO A. Periodontal ligament collagen response to tooth movement: Histochemical and autoradiographic reactions, 443

E

- EASTWOOD, ALEX. (See REEY and EASTWOOD), 378
 EPKER, BRUCE N., and FISH, LEWARD C. The surgical-orthodontic correction of Class III skeletal open-bite, 601
 —. (See FISH, WOLFORD, and EPKER), 241

January, pp. 1-120; February, pp. 121-240; March, pp. 241-364; April, pp. 365-484; May, pp. 485-600; June, pp. 601-720.

F

- FABER, RICHARD D., BURSTONE, CHARLES J., and SOLONCHE, DAVID J. Computerized interactive orthodontic treatment planning, 36
 FAN, PUI L. (See FAUST et al.), 512
 FAUST, JOHN B., GREGO, GEORGES N., FAN, PUI L., and POWERS, JOHN M. Penetration coefficient, tensile strength, and bond strength of thirteen direct bonding orthodontic cements, 512
 FERGUSON, F. S., MACKO, D. J., SONNENBERG, E. M., and SHAKUN, M. L. The use of regression constants in estimating tooth size in a Negro population, 68
 FISH, LEWARD C., WOLFORD, LARRY M., and EPKER, BRUCE N. Surgical-orthodontic correction of vertical maxillary excess, 241
 —. (See EPKER and FISH), 601
 FONSECA, RAYMOND J., and KLEIN, W. DOUGLAS. A cephalometric evaluation of American Negro women, 152

G

- GASSON, NICOLE. (See LAVERGNE and GASSON), 658
 GREGO, GEORGES N. (See FAUST et al.), 512
 GROSFELD, OLGA, and MIGDALSKA-CHOJECKA, MARIA. Interception of malocclusion in the deciduous dentition: Long-term results, 73
 GWINNETT, A. JOHN, and CEEN, RICHARD F. An ultraviolet photographic technique for monitoring plaque during direct bonding procedures, 178

H

- HANSON, MARVIN L. Oral myofunctional therapy, 59
 HICKS, E. PRESTON. Slow maxillary expansion, 121
 HOAG, JAMES F. (See STALEY and HOAG), 169

- HOHL, THOMAS H. The use of an anatomic articulator in segmental orthognathic surgery, 428
- HOTZ, RUDOLF P. Functional jaw orthopedics in the treatment of condylar fractures, 365
- HURST, ROBERT V. V., SCHWANINGER, BERNHARD, SHAYE, ROBERT, and CHADHA, J. M. Landmark identification accuracy in xeroradiographic cephalometry, 568
- I
- INGERVALL, BENGT. Orthodontic treatment in adults with temporomandibular dysfunction symptoms, 551
- J
- JACOBSON, A. The craniofacial skeletal pattern of the South African Negro, 681
- JOHNSTON, LYSLE E. (See BERNABEI and JOHNSTON), 24
- JOHNSTON, WILBUR D. A report from the president, 335
- K
- KANE, EDWARD G. Dentoalveolar rotation in correction of Class II malocclusion, 634
- KATZ, RALPH V. Relationships between eight orthodontic indices and an oral self-image satisfaction scale, 328
- KAWAMOTO, TATSUO. (See UESATO et al.), 321
- KIM, YOUNG H., and VIETAS, JOHN J. Anteroposterior dysplasia indicator: An adjunct to cephalometric differential diagnosis, 619
- KINOSHITA, ZENOSUKE. (See UESATO et al.), 321
- KLEIN, W. DOUGLAS. (See FONSECA and KLEIN), 152
- KOHN, MARKELL W. (See SUCKIEL and KOHN), 676
- KOYAMA, ISAO. (See UESATO et al.), 321
- L
- LAVERGNE, JEAN, and GASSON, NICOLE. The influence of jaw rotation on the morphogenesis of malocclusion, 658
- LEGAN, HARRY L., and NANDA, RAVINDRA. Craniofacial adaptations after total maxillary osteotomy in *Macaca irus*: A cephalometric and histologic study, 410
- LINES, CHRISTOPHER A. (See LINES, LINES, and LINES), 648
- LINES, PAUL A., LINES, RUSKIN R., and LINES, CHRISTOPHER A. Profilemetrics and facial esthetics, 648
- LINES, RUSKIN R. (See LINES, LINES, and LINES), 648
- M
- MACKO, D. J. (See FERGUSON et al.), 68
- MAGNESS, W. BONHAM. The straight-wire concept, 541
- MAGNI, FRANCO. The role of the occlusal "simulator" in orthodontic treatment prior to surgical osteotomy, 300
- MARTINONI, LUCA. Improving petrous bone reproduction in lateral cephalometric films, 161
- MELSEN, BIRTE. Effects of cervical anchorage during and after treatment: An implant study, 526
- MEYER, MICHAEL, and NELSON, GERALD. Preadjusted edgewise appliances: Theory and practice, 485
- MIGDALSKA-CHOJECKA, MARIA. (See GROSFELD and MIGDALSKA-CHOJECKA), 73
- MORROW, RAY E. (See ANDREASEN and MORROW), 142
- MURPHEY, MARCUS D. Response to presentation of the Martin Dewey Award, 211
- MURPHEY, WILLIS H., SR. Response to presentation of the Martin Dewey Award, 212
- N
- NAKANISHI, YOSUKE. (See UESATO et al.), 321
- NANDA, RAVINDRA. (See LEGAN and NANDA), 410
- NELSON, GERALD. (See MEYER and NELSON), 485
- O
- OPDEBEECK, H., and BELL, W. H. The short face syndrome, 499
- P
- POWERS, JOHN M. (See FAUST et al.), 512
- R
- REEY, ROBERT WILLIAM, and EASTWOOD, ALEX. The passive activator: Case selection, treatment response, and corrective mechanics, 378
- REID, PAUL V. Response to presentation of the Gerard A. Devlin Memorial Award, 214
- ROGERS, LEO A. Presentation of the Martin Dewey Award to Willis H. Murphey, Sr., 211
- RÖNNERMAN, ASSAR, and THILANDER, BIRGIT. Facial and dental arch morphology in children with and without early loss of deciduous molars, 47
- ROSA, RONALD A., and ARVYSTAS, MICHAEL G. An epidemiologic survey of malocclusions among American Negroes and American Hispanics, 258
- S
- SASSOUNI, VIKEN. (See DAVOODY and SASSOUNI), 667
- SCHWANINGER, BERNHARD. (See HURST et al.), 568
- SHAKUN, M. L. (See FERGUSON et al.), 68
- SHAYE, ROBERT. (See HURST et al.), 568
- SMITH, RODNEY S. (See TARTAKOW, SMITH, and SPINELLI), 560
- SOLONCHE, DAVID J. (See FABER, BURSTONE, and SOLONCHE), 36
- SONNENBERG, E. M. (See FERGUSON et al.), 68
- SPINELLI, JAMES A. (See TARTAKOW, SMITH, and SPINELLI), 560
- STALEY, ROBERT N., and HOAG, JAMES F. Prediction of the mesiodistal widths of maxillary permanent canines and premolars, 169

- SUCKIEL, J. MARTIN, and KOHN, MARKELL W.
Soft-tissue changes related to the surgical
management of mandibular prognathism,
676

T

- TARTAKOW, DENNIS J., SMITH, RODNEY S., and
SPINELLI, JAMES A. Urea peroxide solu-
tion in the treatment of gingivitis in or-
thodontics, 560
- THILANDER, BIRGIT. (See RÖNNERMAN and THI-
LANDER), 47
- TURPIN, DAVID L., and WEST, ROGER A. Juvenile
rheumatoid arthritis: A case report of
surgical/orthodontic treatment, 312

U

- UESATO, GEORGE, KINOSHITA, ZENNOSUKE,
KAWAMOTO, TATSUO, KOYAMA, ISAO,
and NAKANISHI, YOSUKE. STEINER
cephalometric norms for Japanese and
Japanese-Americans, 321

V

- VIETAS, JOHN J. (See KIM and VIETAS), 619

W

- WEST, ROGER A. (See TURPIN and WEST), 312
- WOLFORD, LARRY M. (See FISH, WOLFORD, and
EPKER), 241

Z

- ZACHRISSON, BJÖRN U. Improving orthodontic results
in cases with maxillary incisors missing,
274
- ZIEGLER, JOHN T. Presentation of the Gerard A.
Devlin Memorial Award to Paul V. Reid,
214

Reviews and abstracts

- B**
- Baer, Paul N., 464
Banks, Thomas E., 586
Belting, C. W., 94
Bishara, Samir E., 584
Bray, Robert J., 221
- C**
- Caputo, A. A., 94, 95, 97, 97
Carlsson, G. E., 583
Chaconas, S. J., 94, 95, 97, 97
Chadha, J. M., 96
Clark, J. S., 96
Cohen, M. Michael, Sr., 693
- D**
- Dargent, P., 587
De Alba, J. Alfredo, 95
De Boer, Martje, 95
de Castro, Newton, 586
Decker, Jay D., 221
Dorfman, H. S., 96
- E**
- Enemark, Hans, 584
Epker, Bruce N., 585
- G**
- Glynn, Samuel W., 582
Guevara, M. J., 96
Gupta, D. S., 583
- H**
- Harvey, K. L., 97
Hershey, H. G., 94
Hirschberg, Saul M., 465
Hurst, R. V. V., 96
- I**
- Ingervall, B., 583
- J**
- Jacob, Francois, 584
Joshi, M. R., 584
- K**
- Kapur, S. P., 345
Kowalski, C. J., 96
- L**
- Lampert, F., 98
Laudenbach, P., 97
Laufer, J., 97
Leinfelder, K. F., 94
Levy, B. M., 94
Levy, P. C., 97
- M**
- McClugage, S. G., 96
Maganzini, Anthony Louis, 222
Meena, Victor H., 345
Morris, Melvin L., 464
Munro, Ian R., 95
- N**
- Nishimura, Hideo, 464
Nolting, Frederick W., 586
- P**
- Phillips, James D., 586
Powell, S. J., 582
Pruvost, Jean-Luc, 345
- R**
- Rayson, R. K., 582
Reiner, Myrtle L., 585
Robertson, P. B., 94
Robinson, E., 97
Robinson, Marsh, 694
Rosenbloom, Donald T., 466
Rygh, Per, 587
- S**
- Schultz, L. D., 94
Schwaninger, B., 96
Semba, Reiji, 464
Shawkat, A. H., 586
Shaye, R., 96
Shepherd, W. B., 94
Slade, David, 587
Stein, Errol, 222
- T**
- Tanaka, Osamu, 464
Tanimura, Takashi, 464
Tharp, 584
Thilander, B., 583
- U**
- Unterer, S., 98
- V**
- Vandersall, David C., 587
- W**
- Walker, G. F., 96
Witzel, Mary Ann, 95

Subject index

A

- Academy of General Dentistry and American Dental Association sponsor joint conference on continuing dental education, 112
- Activator, passive (Reey and Eastwood), 378
- Advertising, professional, AAO Board of Trustees adopts revised resolutions on, 232
 - ADA Council on Bylaws adopts statement on, 476
- Alcoholic, mouth of, 97 (Abst.)
- American Association of Orthodontists, 79, 187, 335, Board of Trustees, Councils, and Committees, directory, 119
 - adopts revised resolutions on professional advertising, 232
 - withholds approval of dental care program guidelines, 233
- constituent societies, extensive clinical and research programs scheduled for, 476
- presidents, 471, 588
 - discuss current orthodontic issues, 216, 340 (Editorials)
- Council on Public and Professional Relations, pamphlet on orthodontic and treatment timing issued by, 475
- Council on Research announces award requirements for Washington meeting, 467, 593
- Drs. Thurow and Faust installed as 1978-1979 president and president-elect, 588
- establishes "hot line" to solve third party insurance problems, 354
- honors Golden Anniversary Group in Anaheim, 357
- increases public service publications for Association members and patients, 700
- members, new third party attending dentist's statement provided for, 338
- names dentofacial orthopedics as appropriate synonym for orthodontics, 228
- 1977-1978 officers, 224
- officers and organizations, directory, 118, 240, 364, 484, 600, 708
- report from president (Johnston), 335
- seventy-eighth annual meeting; evening in Disneyland to be special attraction, 99
 - preliminary program, 187
 - program now complete, 223, 347

AAO—Cont'd

- seventy-ninth annual meeting; ABO to celebrate golden anniversary during Washington meeting, 695
 - Council on Research announces award requirements for, 467, 593
- American Board of Orthodontics announces future examination schedules, 696
- cases presented in 1962 with records taken in 1974, 582 (Abst.)
- discontinues thesis as alternate requirement for Phase II of board certification examination, 697
- presents 270 case reports at Anaheim meeting, 350
 - typical case report examples for future candidates, 79
- specifies application dates for Board candidates, 100, 226
- to celebrate golden anniversary during AAO Washington meeting, 695
- American Dental Association and Academy of General Dentistry sponsor joint conference on continuing dental education, 112
- Council on Bylaws adopts statement on advertising by professional men, 476
- Council on Dental Education holds continuing education conference, 477
- membership total reaches new record; AMA membership decreases, 470
- moratorium lifted on multiple specialty announcement, 100
- new posters designed to make plaque household word, 106
- new survey reveals decline in student applications to dental schools, 699
- American Economic Census, new, includes dentists in service industry survey, 469
- AMERICAN JOURNAL OF ORTHODONTICS; JOURNAL 60 years ago, 67, 160, 299, 442, 511, 633
- American Medical Association adopts resolution to give medical specialties voting delegates in House, 349
 - medical cost commission urges major changes in America's health care service, 350
- American Society of Oral Surgeons adopts new name and new code of ethics, 228

January, pp. 1-120; February, pp. 121-240; March, pp. 241-364; April, pp. 365-484; May, pp. 485-600; June, pp. 601-720.

- Anchorage, cervical, effects of, during and after treatment (Melsen), 526
- Appliances, edgewise, preadjusted: theory and practice (Meyer and Nelson), 485
- straight-wire, scientific assessment of (Dellinger), 290
- utility arch, force distribution characteristics of, 97 (Abst.)
- Arthritis, juvenile rheumatoid (Turpin), 312
- Articulator, anatomic, use in segmental orthognathic surgery (Hohl), 428
- Attending dentist's statement, new third party, provided for AAO members, 338
- B**
- Biomedical engineering and recombinant DNA in orthodontics, prospect of, 578 (Editorial)
- Birth rates increase but no baby boom in sight, 692 (Editorial)
- Bonding, direct; penetration coefficient, tensile strength, and bond strength of thirteen direct bonding orthodontic cements (Faust et al.), 512
- procedures, ultraviolet photographic technique for monitoring plaque during (Gwinnett and Ceen), 178
- Bone, petrous, improving reproduction in lateral cephalometric films (Martinoni), 161
- British Association of Orthodontists schedules tenth annual conference in Chester, England, 696
- Bureau of Labor Statistics index shows increase in dental fees lower, medical higher, 470
- C**
- Calcium⁴⁵ turnover, effect of orthodontic stress on, in dento-alveolar complex, 345 (Abst.)
- Canines and premolars, maxillary permanent, prediction of mesiodistal widths of (Staley and Hoag), 169
- Caries, dental, immunological aspects of, workshop proceedings, 693 (Abst.)
- Cements, orthodontic, direct bonding, penetration coefficient, tensile strength, and bond strength of thirteen (Faust et al.), 512
- manipulation of, at sub-room temperatures, 94 (Abst.)
- Cephalometric differential diagnosis, anteroposterior dysplasia indicator adjunct to (Kim and Vietas), 619
- evaluation of American Negro women (Fonseca and Klein), 152
- films, improving petrous bone reproduction in lateral (Martinoni), 161
- norms, Steiner, for Japanese and Japanese-Americans (Uesato et al.), 321
- Cephalometry, xeroradiographic, 96 (Abst.)
- landmark identification accuracy in (Hurst et al.), 568
- Cervical anchorage, effects of, during and after treatment (Melsen), 526
- Children's Dental Health Week, "Smile America" retained as slogan for 1978, 101
- Cleft palates, implant helps in repair of, 583 (Abst.)
- Collagen response, periodontal ligament, to tooth movement (Diaz), 443
- staining alterations in, under stress, 221 (Abst.)
- Columbia University, long-range effects of talc-coated elastics under study at, 357
- Computerized interactive orthodontic treatment planning (Faber, Burstone, and Solonche), 36
- Condylar cartilage, mandibular, in rat, growth activity of, 222 (Abst.)
- Continuing dental education, ADA and AGD sponsor joint conference on, 112
- conference recommends voluntary sponsor-approval system, 594
- Craniofacial adaptations after total maxillary osteotomy in *Macaca irus* (Legan and Nanda), 410
- skeletal pattern of South African Negro (Jacobson), 681
- sutures and adjacent structures, effects of intermaxillary Class III mechanics on, 95 (Abst.)
- Cross-bite; orthodontic treatment in adults with temporomandibular dysfunction symptoms (Ingervall), 551
- D**
- Dental arch and facial morphology in children with and without early loss of deciduous molars (Rönnerman and Thilander), 47
- upper, developmental pattern of central diastema in, 95 (Abst.)
- care costs not inflationary according to recent report to government agency, 590
- caries, immunological aspects of, workshop proceedings, 693 (Abst.)
- fee increase lower, medical higher, in Bureau of Labor Statistics index, 470
- insurance, privately sponsored, forty-eight million Americans covered by, 592
- materials and orthodontic fees, 219 (Editorial)
- school enrollment remains stable; medical enrollment shows increase, 701
- new ADA survey reveals decline in student applications to, 699
- versus skeletal response to low magnitude force in *Macaca mulatta*; slow maxillary expansion (Cotton), 1
- Dentists get excellent ratings in two status polls concerned with public confidence, 593
- included in service industry survey of new 1977 American Economic Census, 469
- Dentition, deciduous, interception of malocclusion in: Long-term results (Grosfeld and Migdalska-Chojacka), 73
- skeletal maturation, malocclusion, and, relationship between, 583 (Abst.)
- Dento-alveolar complex, effect of orthodontic stress on Ca⁴⁵ turnover in, 345 (Abst.)

- Dento-alveolar—Cont'd
rotation in correction of Class II malocclusion (Kane), 634
- Dentofacial characteristics of group of Gurkhas, 584 (Abst.)
pattern differences between Iranians and American Caucasians (Davoody and Sassouni), 667
- Devlin, Gerard A., Memorial Award, presentation to Paul V. Reid (Ziegler), 214
response, 215
- Dewey, Martin, Award, presentation to Marcus D. Murphey (Barth), 209
response, 211
presentation to Willis H. Murphey, Sr. (Rogers), 211
response, 212
- Diastema, central, in upper dental arch, developmental pattern, 95 (Abst.)
maxillary midline, 221 (Abst.)
- DNA, recombinant, prospects of biomedical engineering and, in orthodontics, 578 (Editorial)
- Dysplasia, anteroposterior, indicator: adjunct to cephalometric differential diagnosis (Kim and Vietas), 619
facial; short face syndrome (Opdebeeck and Bell), 499
- E
- Edgewise appliances, preadjusted: theory and practice (Meyer and Nelson), 485
- Editorial; birth rates increase but no baby boom in sight, 692
constituent society presidents discuss current orthodontic issues, 216, 340
dental materials and orthodontic fees, 219
John Hunter: Recollections on his 250th birthday anniversary, 85
on second premolar extraction and moderate borderline malocclusion, 459
serial extraction, second premolars, and diagnostic precautions, 575
prospects of biomedical engineering and recombinant DNA in orthodontics, 578
- Elastics, orthodontic, force degradation in, 94 (Abst.)
talc-coated, long-range effects of, under study at Columbia University, 357
- Ethnic differences in dentofacial pattern (Davoody and Sassouni), 667
in occlusion; epidemiologic survey of malocclusions among American Negroes and Hispanics (Rosa and Arvystas), 258
in skeletal pattern; Steiner cephalometric norms for Japanese and Japanese-Americans (Uesato et al.), 321
- European Orthodontic Society schedules 1978 Congress in The Hague, 100, 228, 353, 472, 590
- Evolution and tinkering, 584 (Abst.)
- Extraction, bicuspid, cardinal points, 586 (Abst.)
sites, occurrence and distribution of interdental gingival clefts following orthodontic movement into, 94 (Abst.)

- Extraction—Cont'd
second premolar, and moderate borderline malocclusion, 459 (Editorial)
- serial, second premolars, and diagnostic precautions, 575 (Editorial)

F

- Face, lower, of growing *Macaca mulatta*, effect of bilateral repositioning of masseter and medial pterygoid muscles on, longitudinal cephalometric study, 222 (Abst.)
- Facial and dental arch morphology in children with and without early loss of deciduous molars (Rönnerman and Thilander), 47
- Facially disfigured, rehabilitation of, 585 (Abst.)
- Facial dysplasias; short face syndrome (Opdebeeck and Bell), 499
esthetics, profile in, 582 (Abst.)
profilemetrics and (Lines, Lines, and Lines), 648
- Fédération Dentaire Internationale World Dental Congress to be held in Madrid, 230, 469
- Force degradation in orthodontic elastics, 94 (Abst.)
distribution characteristics of utility arch appliance, 97 (Abst.)
low magnitude, in *Macaca mulatta*, skeletal versus dental response to; slow maxillary expansion (Cotton), 1
orthodontic, production by open coil springs, 97 (Abst.)
response of pulpal microvascular system to intrusive, 96 (Abst.)
- Functional jaw orthopedics in treatment of condylar fractures (Hotz), 365

G

- Gaylord, Robert E., honored by Baylor Orthodontic Alumni Association, 698
- Gingiva, influence of different orthodontic technics on, 98 (Abst.)
- Gingival clefts, interdental, occurrence and distribution of, following orthodontic movement into bicuspid extraction sites, 94 (Abst.)
- Gingivitis in orthodontics, urea peroxide solution in treatment of (Tartakow, Smith, and Spinelli), 560
- Great Lakes Society of Orthodontists, 348
- Growth activity of mandibular condylar cartilage in rat, 222 (Abst.)
in situ of isolated mandibular segments (Bernabei and Johnston), 24
- Guidelines for dental care programs in orthodontics, action postponed, 233
- Gurkhas, dentofacial characteristics of group of, 584 (Abst.)

H

- Habits; oral myofunctional therapy (Hanson), 59
- Headgear, cervical; effects of cervical anchorage during and after treatment (Melsen), 526
- Help sought in search for missing patients, 105, 230, 355

- Hispanics, American, epidemiologic survey of malocclusions among American Negroes and (Rosa and Arvystas), 258
- Honors, awards, and appointments, 226, 468, 700
- Hunter, John; recollections on 250th birthday anniversary, 85 (Editorial)
- I
- Immunological aspects of dental caries, workshop proceedings, 693 (Abst.)
- Implant helps in repair of cleft palates, 583 (Abst.)
- In memoriam
- B. Holly Broadbent, Sr., 580
 - Charles Frederick Stenson Dillon, 90
 - George W. Hahn, 461
 - H. A. Hannet, 92
 - Earl G. Jones, 89
 - Donald D. MacEwan, 91
 - S. William Singer, 91
 - Milton Scott Tucker, 90
- Intermaxillary Class III mechanics, effects of, on craniofacial sutures and adjacent structures, 95 (Abst.)
- Incisors, maxillary, missing, improving orthodontic results in cases with (Zachrisson), 274
- Indices, orthodontic, relationships between eight, and oral self-image satisfaction scale (Katz), 328
- Insurance, dental, forty-eight million Americans covered by privately sponsored, 592
- national health; HEW committee studies NHI options on potential dental benefits, 234
 - third party, AAO establishes "hot line" to solve problems, 354
 - new attending dentist's statement provided for Association members, 338
- J
- Japan Orthodontic Society sets October date for thirty-seventh annual meeting, 699
- Japanese and Japanese-Americans, Steiner cephalometric norms for (Uesato et al.), 321
- Jaw, broken, child's, 585 (Abst.)
- rotation, influence of, on morphogenesis of malocclusion (Lavergne and Gasson), 658
- L
- Landmark identification accuracy in xeroradiographic cephalometry (Hurst et al.), 568
- M
- Malocclusions among American Negroes and American Hispanics, epidemiologic survey (Rosa and Arvystas), 258
- Class II, dental-alveolar rotation in correction of (Kane), 634
 - Class III; role of occlusal "simulator" in orthodontic treatment prior to surgical osteotomy (Magni), 300
 - influence of jaw rotation on morphogenesis of (Lavergne and Gasson), 658
 - interception of, in deciduous dentition; long-term results (Grosfeld and Migdalska-Chojacka), 73
- Malocclusion—Cont'd
- moderate borderline, on second premolar extraction and, 459 (Editorial)
 - skeletal maturation, and dentition, relationship between, 583 (Abst.)
- Mandibular prognathism, soft-tissue changes related to surgical management of (Suckiel and Kohn), 676
- ramus, osteotomy of: prognathism and allied problems, 694 (B. rev.)
 - segments, isolated, growth in situ of (Bernabei and Johnston), 24
- Maxillary advancement velopharyngeal insufficiency after, 95 (Abst.)
- excess, vertical, surgical-orthodontic correction of (Fish, Wolford, and Epker), 241
 - expansion, slow (Hicks), 121
 - slow: skeletal versus dental response to low magnitude force in *Macaca mulatta* (Cotton), 1
 - midline diastema, 221 (Abst.)
 - osteotomy, total, in *Macaca irus*, craniofacial adaptations after (Legan and Nanda), 410
- Mechanics, intermaxillary Class III, effects of, on craniofacial sutures and adjacent structures, 95 (Abst.)
- Mesiodistal widths of maxillary permanent canines and premolars, prediction of (Staley and Hoag), 169
- Microvascular system, pulpal, response of, to intrusive orthodontic forces, 96 (Abst.)
- Middle Atlantic Society of Orthodontists, 104, 696
- Midwestern Society of Orthodontists, 102
- Molars, deciduous, dental arch and facial morphology in children with and without early loss of (Rönnerman and Thilander), 47
- Morphogenesis of malocclusion, influence of jaw rotation on (Lavergne and Gasson), 658
- Morphology, dental arch and facial, in children with and without early loss of deciduous molars (Rönnerman and Thilander), 47
- Mouth of alcoholic, 97 (Abst.)
- Mucogingival changes resulting from mandibular incisor tooth movement, evaluation of, 96 (Abst.)
- Muscles, masseter and medial pterygoid, effect of bilateral repositioning of, on lower face of growing *Macaca mulatta*, longitudinal cephalometric study, 222 (Abst.)
- medial pterygoid and masseter, effects of surgically repositioning, 345 (Abst.)
- Myofunctional therapy, oral (Hanson), 59
- N
- National health insurance program; HEW committee studies NIH options of potential dental benefits, 234
- Negro population, use of regression constants in estimating tooth size in (Ferguson et al.), 68
- South African, craniofacial skeletal pattern of (Jacobson), 681
- women, American, cephalometric evaluation (Fonseca and Klein), 152

- Negroes, American, and American Hispanics, epidemiologic survey of malocclusions among (Rosa and Arvystas), 258
- New Zealand Orthodontic Society sets March date to celebrate golden anniversary conference, 698
- News and comment, 99, 223, 347, 467, 588, 695
- Nitinol wire, laboratory and clinical analyses (Andreasen and Morrow), 142
- O**
- Occlusal "simulator," role of, in orthodontic treatment prior to surgical osteotomy (Magni), 300
- Open-bite, Class III skeletal, surgical-orthodontic correction of (Epker and Fish), 601
- Oral myofunctional therapy (Hanson), 59
- self-image satisfaction scale, relationships between eight orthodontic indices and (Katz), 328
- Orthodontic cements, direct bonding, penetration coefficient, tensile strength, and bond strength of thirteen (Faust et al.), 512
- manipulation of, at sub-room temperatures, 94 (Abst.)
- elastics, force degradation in, 94 (Abst.)
- fees, dental materials and, 219 (Editorial)
- forces, intrusive, response of pulpal microvascular system to, 96 (Abst.)
- production by open coil springs, 97 (Abst.)
- indices, relationships between eight, and oral self-image satisfaction scale (Katz), 328
- movement into bicuspid extraction sites, occurrence and distribution of interdental gingival clefts following, 94 (Abst.)
- research, India's ban on exporting rhesus monkeys expected to hamper, 594
- results, improving, in cases with maxillary incisors missing (Zachrisson), 274
- root resorption studied by electron microscopy, 587 (Abst.)
- stress, effect on Ca^{45} turnover in dento-alveolar complex, 345 (Abst.)
- technics, influence of different, on gingiva, 98 (Abst.)
- treatment in adults with temporomandibular dysfunction symptoms (Ingervall), 551
- planning, computerized interactive (Faber, Burstone, and Solonche), 36
- prior to surgical osteotomy, role of occlusal "simulator" in (Magni), 300
- timing, pamphlet on, issued by AAO Council on Public and Professional Relations, 475
- Orthodontics, continuing education courses sponsored by university dental schools, 113, 234, 358, 479, 596, 705
- gingivitis in, urea peroxide solution in treatment of (Tartakow, Smith, and Spinelli), 560
- prospects of biomedical engineering and recombinant DNA in, 578 (Editorial)
- self-assessment of current knowledge in, 466 (B. rev.)
- Orthognathic surgery, segmental, use of anatomic articulator in (Hohl), 428
- Orthopedics, functional jaw, in treatment of condylar fractures (Hotz), 365
- Osteotomy; surgical orthodontic correction of Class III skeletal open-bite (Epker and Fish), 601
- of vertical maxillary excess (Fish, Wolford, and Epker), 241
- Osteotomy, maxillary, total, in *Macaca irus*, craniofacial adaptations after (Legan and Nanda), 410
- of mandibular ramus: prognathism and allied problems, 694 (B. rev.)
- surgical orthodontic correction of Class III skeletal open-bite (Epker and Fish), 601
- role of occlusal "simulator" in orthodontic treatment prior to (Magni), 300
- P**
- Pacific Coast Society of Orthodontists, 112, 351, 702
- Palatoplasties, Wardill-Kilner and Von Langenbeck, cephalometric comparisons of results of, 584 (Abst.)
- Passive activator (Ree and Eastwood), 378
- Pennsylvania School of Dental Medicine celebrates centennial, 229, 353
- Periodontal ligament collagen response to tooth movement (Diaz), 443
- prosthesis, 465 (B. rev.)
- Periodontics, textbook of, 464 (B. rev.)
- Plaque, ultraviolet photographic technique for monitoring, during direct bonding procedures (Gwinnett and Ceen), 178
- Practice announcements, 117, 239, 363, 483, 599, 707
- Premolars and canines, maxillary permanent, prediction of mesiodistal widths of (Staley and Hoag), 169
- cardinal points on bicuspid extraction, 586 (Abst.)
- second, extraction and moderate borderline malocclusion, 459 (Editorial)
- serial extraction, and diagnostic precautions, 575 (Editorial)
- Profile in facial aesthetics, 582 (Abst.)
- Profilemetrics and facial esthetics (Lines, Lines, and Lines), 648
- Prognathism and allied problems; osteotomy of mandibular ramus, 694 (B. rev.)
- early diagnosis and growth evaluation of, 96 (Abst.)
- mandibular; craniofacial skeletal pattern of South African Negro (Jacobson), 681
- soft-tissue changes related to surgical management of (Suckiel and Kohn), 676
- Prosthesis, periodontal, 465 (B. rev.)
- Pulpal microvascular system, response of, to intrusive orthodontic forces, 96 (Abst.)
- R**
- Radiology, intraoral, evaluation of utilization of supine position in, 586 (Abst.)
- Regression constants, use of, in estimating tooth size in Negro population (Ferguson et al.), 68
- Rehabilitation of facially disfigured, 585 (Abst.)
- Rhesus monkeys, India's ban on exporting, expected to hamper orthodontic research, 594

- Root resorptions; a propos de resorptions radiculaires, 587 (Abst.)
orthodontic, studied by electron microscopy, 587 (Abst.)
- Rotation, dentoalveolar, in correction of Class II malocclusion (Kane), 634
jaw, influence of, on morphogenesis of malocclusion (Lavergne and Gasson), 658
- S
- Self-image, oral, satisfaction scale, relationships between eight orthodontic indices and (Katz), 328
- Serial extraction, second premolars, and diagnostic precautions, 575 (Editorial)
- Short face syndrome (Opdebeek and Bell), 499
- Skeletal maturation, malocclusion, and dentition, relationship between, 583 (Abst.)
versus dental response to low magnitude force in *Macaca mulatta*; slow maxillary expansion (Cotton), 1
- Skeleton, human, prenatal development of, with special reference to craniofacial structures, 464 (B. rev.)
- Societies, hospitals, and foundations, 111, 231, 355, 477, 595, 704
- Soft-tissue changes related to surgical management of mandibular prognathism (Suckiel and Kohn), 676
- Southern Society of Orthodontists, 472
- Southwestern Society of Orthodontists, 107
- Speech therapy; oral myofunctional therapy (Hanson), 59
- Springs, open coil, orthodontic force production by, 97 (Abst.)
- Staining alterations in collagen under stress, 221 (Abst.)
- Steiner cephalometric norms for Japanese and Japanese-Americans (Uesato et al.), 321
- Straight-wire appliance, scientific assessment of (Dellinger), 290
concept (Magness), 541
- Surgery, orthognathic, segmental, use of anatomic articulator in (Hohl), 428
- Surgical management of mandibular prognathism, soft-tissue changes related to (Suckiel and Kohn), 676
orthodontic correction of Class III skeletal openbite (Epker and Fish), 601
correction of vertical maxillary excess (Fish, Wolford, and Epker), 241
treatment of juvenile rheumatoid arthritis (Turpin), 312
osteotomy, role of occlusal "simulator" in orthodontic treatment prior to (Magni), 300
repositioning of medial pterygoid and masseter muscles, effects of, 345 (Abst.)
- T
- Tax-deduction limitations, new IRS, specified for attendance at foreign meetings, 110
- Temporomandibular dysfunction symptoms, orthodontic treatment in adults with (Ingervall), 551
- joint, human, postnatal development of, 583 (Abst.)
- Third party attending dentist's statement provided for AAO members, 338
- Tongue thrust; oral myofunctional therapy (Hanson), 59
- Tooth movement, mandibular incisor, evaluation of mucogingival changes resulting from, 96 (Abst.)
minor, in growing child, 693 (B. rev.)
periodontal ligament collagen response to (Diaz), 443
size, use of regression constants in estimating, in Negro population (Ferguson et al.), 68
- Toothbrushing, scrub and bass methods, comparative evaluation of, with flossing as adjunct (in fifth and sixth graders), 97 (Abst.)
- Treatment planning, orthodontic, computerized interactive (Faber, Burstone, and Solonche), 36
- Tweed, Charles H., Foundation for Orthodontic Research sets September date for California meeting, 592
- U
- Ultraviolet photographic technique for monitoring plaque during direct bonding procedures (Gwinnett and Ceen), 178
- Urea peroxide solution in treatment of gingivitis in orthodontics (Tartakow, Smith, and Spinelli), 560
- V
- Velopharyngeal insufficiency after maxillary advancement, 95 (Abst.)
- Vertical maxillary excess, surgical-orthodontic correction of (Fish, Wolford, and Epker), 241
- W
- Wire, nitinol, laboratory and clinical analyses (Andreasen and Morrow), 142
straight, concept (Magness), 541
- World Dental Congress to be held in Madrid, 230, 469
- World Health Organization names 1979 as International Year of the Child, 701
- X
- Xeroradiographic cephalometry, 96 (Abst.)
landmark identification accuracy in (Hurst et al.), 568

Author index

A

- AHLGREN, JOHAN. Early and late electromyographic response to treatment with activators, 88
 ALEXANDER, THOMAS L., and HITCHCOCK, H. PERRY. Cephalometric standards for American Negro children, 298
 APFEL, D. A. (See BURAPAVONG et al.), 176
 AUBREY, RICHARD B. Occlusal objectives in orthodontic treatment, 162

B

- BAUMRIND, SHELDON, MOLTHEN, ROBERT, WEST, EUGENE E., and MILLER, DAVID M. Mandibular plane changes during maxillary retraction, 32, 603
 BECKER, ADRIAN, and ZILBERMAN, YERUCHAM. The palatally impacted canine: A new approach to treatment, 422
 BELL, WILLIAM H. Subapical osteotomy to increase mandibular arch length, 276
 —. (See OPDEBEECK et al.), 509
 BERKOWITZ, SAMUEL. State of the art in cleft palate orofacial growth and dentistry, 564
 BJERCKE, BJÖRN. (See SLAGSVOLD and BJERCKE), 241, 410
 BJÖRK, A. (See KREIBORG et al.), 207
 BLECHMAN, ABRAHAM M., and SMILEY, HARRY. Magnetic force in orthodontics, 435
 BRÄNNSTRÖM, M., NORDENVALL, K. J., and MALMGREN, O. The effect of various pretreatment methods of the enamel in bonding procedures, 522
 BROBAKKEN, BJÖRN O. (See ZACHRISSON and BROBAKKEN), 62
 BROWN, C. R. LEE, and WAY, DAVID C. Enamel loss during orthodontic bonding and subsequent loss during removal of filled and unfilled adhesives, 663
 BROWN, PETER. A cephalometric evaluation of high-pull molar headgear and face-bow neck strap therapy, 621

- BURAPAVONG, V., MARSHALL, G. W., APFEL, D. A., and PERRY, H. T. Enamel surface characteristics on removal of bonded orthodontic brackets, 176
 BURDI, ALPHONSE R., and SPYROPOULOS, MEROP N. Prenatal growth patterns of the human mandible and masseter muscle complex, 380

C

- CAMPBELL, STEVEN W., ZIMMERMAN, GRENITH J., and TOMLINSON, JOHN L. A correlation of tooth circumferences, 656
 CAPUTO, ANGELO A. (See OATES, MOORE, and CAPUTO), 577
 —. (See WEBB, CAPUTO, and CHACONAS), 405
 CAVES, S. A. (See WILLIAMSON et al.), 672
 CHACONAS, SPIRO J. (See WEBB, CAPUTO, and CHACONAS), 405
 COTTINGHAM, LLOYD L. Gnathologic orthodontics, 454

D

- DI SALVO, NICHOLAS A. Orthodontics 1985-90: A panel discussion, 305
 DOGON, I. LEON. (See MOIN and DOGON), 531
 DORFMAN, HOWARD S. Mucogingival changes resulting from mandibular incisor tooth movement, 286

E

- EDENFIELD, R. J. (See WILLIAMSON et al.), 672
 EISENFELD, J. (See OPDEBEECK et al.), 509
 EPKER, BRUCE N., and PAULUS, PETER J. Surgical-orthodontic correction of adult malocclusions: Single-tooth dento-osseous osteotomies, 551
 ERDMAN, ARTHUR G. (See HULTGREN et al.), 388
 ERICSSON, INGVAR, and THILANDER, BIRGIT. Orthodontic forces and recurrence of periodontal disease, 41

July, pp. 1-120; August, pp. 121-240; September, pp. 241-360; October, pp. 361-480; November, pp. 481-602; December, pp. 603-720.

- F**
- FJELD, D. (See HILLESUND, FJELD, and ZACHRISSON), 537
- G**
- GRABER, T. M. (See MILLS, HOLMAN, and GRABER), 361
- H**
- HARBERSON, VAN A., and MYERS, DAVID R. Mid-palatal suture opening during functional posterior cross-bite correction, 310
- HILLESUND, E., FJELD, D., and ZACHRISSON, B. U. Reliability of soft-tissue profile in cephalometrics, 537
- HITCHCOCK, H. PERRY. (See ALEXANDER and HITCHCOCK), 298
- HOLMAN, R. GAYLE. (See MILLS, HOLMAN, and GRABER), 361
- HULTGREN, BRUCE W., ISAACSON, ROBERT J., ERDMAN, ARTHUR G., and WORMS, FRANK W. Mechanics, growth, and Class II corrections, 388
- I**
- ISAACSON, ROBERT J. (See HULTGREN et al.), 388
- ITKIN, ALLEN B. (See PAWLAK et al.), 450
- J**
- JACOBS, JOE D. Vertical lip changes from maxillary incisor retraction, 396
- JÄRVINEN, SEPPÖ. Orthodontic treatment of ectopic eruption of lower lateral incisors, 318
- JENSEN, B. LETH. (See KREIBORG et al.), 207
- K**
- KREIBORG, S., JENSEN, B. LETH, MØLLER, E., and BJÖRK, A. Craniofacial growth in a case of congenital muscular dystrophy, 207
- L**
- LAPEYROLERIE, FRANK M. (See PAWLAK et al.), 450
- LIGHT, ERNEST I. (See RAKOW and LIGHT), 430
- M**
- MALMGREN, O. (See BRÄNNSTRÖM, NORDENVALL, and MALMGREN), 522
- MARSHALL, G. W. (See BURAPAVONG et al.), 176
- MATHEWS, J. RODNEY, and WARE, WILLIAM H. Longitudinal mandibular growth in children with tantalum implants, 633
- MILLER, DAVID M. (See BAUMRIND et al.), 32, 603
- MILLS, CHRISTINE M., HOLMAN, R. GAYLE, and GRABER, T. M. Heavy intermittent cervical traction in Class II treatment: A longitudinal cephalometric assessment, 361
- MISHELEVICH, D. (See OPDEBEECK et al.), 509
- MOIN, KAMBIZ, and DOGON, I. LEON. An evaluation of shear strength measurements of unfilled and filled resin combinations, 531
- MØLLER, E. (See KREIBORG et al.), 207
- MOLTHEN, ROBERT. (See BAUMRIND et al.), 32, 603
- MOORE, ROBERT N. (See OATES, MOORE, and CAPUTO), 577
- MORRIS, P. K. (See WILLIAMSON et al.), 672
- MOSS, STEPHEN J. (See SILLING and MOSS), 444
- MYERS, DAVID R. (See HARBERSON and MYERS), 310
- N**
- NANDA RAVINDRA. Protraction of maxilla in rhesus monkeys by controlled extraoral forces, 121
- NEWMAN, GEORGE V. A posttreatment survey of direct bonding of metal brackets, 197
- NORDENVALL, K. J. (See BRÄNNSTRÖM, NORDENVALL, and MALMGREN), 522
- O**
- OATES, JACK C., MOORE, ROBERT N., and CAPUTO, ANGELO A. Pulsating forces in orthodontic treatment, 577
- OPDEBEECK, H., BELL, W. H., EISENFELD, J., and MISHELEVICH, D. Comparative study between the SFS and LFS rotation as a possible morphogenic mechanism, 509
- OVERTURF, JOHN R. Too few patients? Count your auxiliaries, 216 (Letter to editor)
- P**
- PARKER, WILLIAM S. Centric relation and centric occlusion—An orthodontic responsibility, 481
- PAULUS, PETER J. (See EPKER and PAULUS), 551
- PAWLAK, DENNIS F., ITKIN, ALLEN B., ZWIG, BARRY, STADELMANN, ROBERT, and LAPEYROLERIE, FRANK M. The modified sagittal osteotomy of the mandible: Two case reports, 450
- PERRY, H. T. (See BURAPAVONG et al.), 176
- PRIMACK, VERNE. The clinical use of a craniofacial growth atlas, 501
- Q**
- QUINN, GALEN W. The end of a "clicker" era, 314
- R**
- RABINE, MILTON. The role of uninhibited occlusal development, 51
- RAKOW, BERNARD, and LIGHT, ERNEST I. Enamel-bonded immediate tooth replacement, 430
- ROBINSON, MARSH, and TANAKA, SAKAE. Simplified metal bone-marker method for evaluation of surgical orthodontics: Report of first use, 315
- S**
- SCHWANINGER, BERNHARD. Evaluation of the straight arch wire concept, 188
- SHERMAN, ALAN J. Bone reaction to orthodontic forces on vitreous carbon dental implants, 79
- SILLING, GEORGE, and MOSS, STEPHEN J. Cooley's anemia—Orthodontic and surgical treatment, 444

- SLAGSVOLD, OLAV, and BJERCKE, BJÖRN. Applicability of autotransplantation in cases of missing upper anterior teeth, 410
— and—. Indications for autotransplantation in cases of missing premolars, 241
SMILEY, HARRY. (See BLECHMAN and SMILEY), 435
SPYROPOULOS, MEROPI N. (See BURDI and SPYROPOULOS), 380
STADELMANN, ROBERT. (See PAWLAK et al.), 450
STUTTS, WILLIAM F. Clinical photography in orthodontic practice, 1

T

- TANAKA, SAKAE. (See ROBINSON and TANAKA), 315
TEUSCHER, ULLRICH. A growth-related concept for skeletal Class II treatment, 258
THILANDER, BIRGIT. (See ERICSSON and THILANDER), 41
TOMLINSON, JOHN L. (See CAMPBELL, ZIMMERMAN, and TOMLINSON), 656

V

- VAN DER LINDEN, FRANS P. G. M. Changes in the position of posterior teeth in relation to ruga points, 142

W

- WARE, WILLIAM H. (see MATHEWS and WARE), 633
WAY, DAVID C. (See BROWN and WAY), 663
WEBB, RUSSELL I., CAPUTO, ANGELO A., and CHACONAS, SPIRO J. Orthodontic force production by closed coil springs, 405
WEST, EUGENE E. (See BAUMRIND et al.), 32, 603
WILLIAMSON, E. H., CAVES, S. A., EDENFIELD, R. J., and MORRIS, P. K. Cephalometric analysis: Comparisons between maximum intercuspation and centric relation, 672
WORMS, FRANK W. (See HULTGREN et al.), 388

Z

- ZACHRISSON, BJÖRN U., and BROBAKKEN, BJÖRN O. Clinical comparison of direct versus indirect bonding with different bracket types and adhesives, 62
— (See HILLESUND, FJELD, and ZACHRISSON), 537
ZILBERMAN, YERUCHAM. (See BECKER and ZILBERMAN), 422
ZIMMERMAN, GRENITH J. (see CAMPBELL, ZIMMERMAN, and TOMLINSON), 656
ZWEIG, BARRY. (See PAWLAK et al.), 450

Reviews and abstracts

- | | |
|---|--|
| <p>A</p> <p>Asp, R., 686</p> <p>B</p> <p>Babler, W. J., 686
 Berkovitz, B. K. B., 337
 Brodsky, Joel F., 684
 Burdi, A. R., 686</p> <p>C</p> <p>Carlyle, T. D., 685
 Cole, A. S., 336
 Colle, Eleanor, 590</p> <p>D</p> <p>DeLoach, Norman, Jr., 685</p> <p>E</p> <p>Eastoe, J. E., 336</p> <p>F</p> <p>Farman, A. G., 590</p> <p>G</p> <p>Garliner, Daniel, 101
 Garn, S. M., 686
 Gianni, Ennio, 221
 Goldberg, Hyman J. V., 337
 Gorlin, Robert J., 590
 Graber, Lee W., 686</p> <p>H</p> <p>Hirce, John D., 682
 Houston, W. J. B., 336
 Howard, R. S., 684
 Hurt, William C., 104</p> <p>I</p> <p>Isaacson, K. G., 336</p> <p>K</p> <p>Killey, H. C., 469
 Kosowicz, J., 590</p> <p>L</p> <p>Lamont, Hugh W., 683
 Loesche, W. J., 220
 Luckner, G. William, 686
 Lucky, Anne W., 590</p> | <p>M</p> <p>Manetti, Virgilio, 221
 Marxkors, Reinhard, 221
 Mayoral, Guillermo, 103
 Mayoral, Jose, 103
 Melsen, Birte, 470
 Miser, James, 590
 Moxham, B. J., 337</p> <p>N</p> <p>Nikolai, R. J., 684</p> <p>O</p> <p>O'Brien, T. C., 220</p> <p>R</p> <p>Rappaport, Elizabeth B., 590
 Refshauge, Nils, 470
 Ripa, Louis W., 337
 Roskjaer, Margit, 220
 Rzymiski, K., 590</p> <p>S</p> <p>Segir, Franco, 221
 Sego, Sandro, 221
 Smith, Rodney S., 682
 Spinelli, James A., 682
 Staz, J., 590
 Stiles, H. M., 220
 Swetlik, William P., 687</p> <p>T</p> <p>Tartakow, Dennis J., 682
 Tolderlund, Jens, 470</p> <p>U</p> <p>Ulstrom, Robert A., 590</p> <p>V</p> <p>Van Wyk, C. W., 590</p> |
|---|--|

Subject index

A

- Acid etching technique; effect of various pretreatment methods of enamel in bonding procedures (Brännström, Nordenvall, and Malmgren), 522
- Activators, early and late electromyographic response to treatment with (Ahlgren), 88
- Adhesives, clinical comparison of direct versus indirect bonding with different bracket types and (Zachrisson and Brobakken), 62
 - filled and unfilled, enamel loss during orthodontic bonding and subsequent loss during removal of (Brown and Way), 663
- American Association of Orthodontists, 94, 321, 457
 - Board of Trustees, Councils, and Committees, directory, 359
 - interim meeting in August, 592
 - constituent society presidents, 106, 223
 - councils and committees, President Thurow names trustees as consultants to, 351
 - chairmen for 1978-1979 named by Board of Trustees, 349
- Council on Orthodontic Research lists areas in need of further investigation, 233
 - specifies award requirements, 113
- Donald H. Enlow elected honorary member, 350
- eight Armed Forces orthodontists elected as service members, 110
- elects thirty-five new affiliate members from sixteen countries and five continents, 346
- Foundation, public service folders describe current needs of, 231
 - headquarters building, new, 229, 704
- House sets new standards and reaffirms old policies, 96 (Editorial)
- library's annual report shows increasing activity in all its services and activities, 340
- Long Range Study Committee announces council assignments for 1978-1979, 348
- membership totals, new record highs set again for, 105
- 1978-1979 officers, 342
- officers and organizations, directory, 120, 240, 358, 480, 602, 708
- president's page: Changes and trends in American Association of Orthodontists (Thurow), 321
- Principles of Ethics, President R. C. Thurow writes ADA about Section 18, 688
- seventy-eighth annual meeting, illustrated commentary, 323
 - new attendance record reached during, 107
 - ten awards presented during, 457
- seventy-ninth annual meeting, 691
 - comprehensive program announced for, 109
 - Council on Research issues call for abstracts, 231
 - specifies award requirements, 113
 - delegate allocation determined for, 222
 - exceptional clinical program nears completion, 338
 - Program Committee issues call for clinical material, 107
 - requirements for attendance, 593
- American Board of Orthodontics announces completion of 1978 written examination and forthcoming examinations for Board candidates and aspiring candidates, 694
 - future examination schedules, 232, 344
- certifies forty-four candidates during 1978 examinations, 94
- to celebrate golden anniversary at AAO Washington meeting, 331
- American Cleft Palate Educational Foundation announces special research award, 699

July, pp. 1-120; August, pp. 121-240; September, pp. 241-360; October, pp. 361-480; November, pp. 481-602; December, pp. 603-720.

- American Dental Association; Little Red Riding Hood stresses balanced diet in new public service release for television, 226
- pursuit of excellence to be theme of 119th session, 111
- Son of Tarzan public service announcement gets wide coverage on NBC television programs, 108
- Survey of Dental Practice available, 693
- AMERICAN JOURNAL OF ORTHODONTICS; JOURNAL 60 years ago, 87, 217, 297, 409, 536, 655
- Anatomical sciences, multiple choice questions in, for students of dentistry, 337 (B. rev.)
- Anemia, Cooley's—orthodontic and surgical treatment (Silling and Moss), 444
- Angle, Edward H., centennial of graduation from University of Pennsylvania, 348
- Appliances, removable, orthodontic treatment with, 336 (B. rev.)
- Arch length, mandibular, subapical osteotomy to increase (Bell), 276
- wire, straight, concept, evaluation of, (Schwaninger), 188
- Autotransplantation, applicability of, in cases of missing upper anterior teeth (Slagvold and Bjercke), 410
- in cases of missing premolars, indications for (Slagvold and Bjercke), 241
- Auxiliaries, limitation of use, 216 (Letter to editor)
- Awards and honors, 493

B

- Band selection; correlation of tooth circumferences (Campbell, Zimmerman, and Tomlinson), 656
- Biochemistry and oral biology, 336 (B. rev.)
- Bond strength of directly bonded orthodontic brackets, effect of topical fluoride, after acid etching, on, 682 (Abst.)
- Bonding, direct; evaluation of shear strength measurements of unfilled and filled resin combinations (Moin and Dogon), 531
- of metal brackets, posttreatment survey (Newman), 197
- phosphoric acid penetration during, 682 (Abst.)
- versus indirect, with different bracket types and adhesives, clinical comparison of (Zachrisson and Brobakken), 62
- orthodontic, enamel loss during, and subsequent loss during removal of filled and unfilled adhesives (Brown and Way), 663
- procedures, effect of various pretreatment methods of enamel in (Brännström, Nordenvall, and Malmgren), 522
- Bone, intramembranous, growing, sutures and periosteum of, 220 (B. rev.)
- marker method, simplified metal, for evaluation of surgical orthodontics (Robinson and Tanaka), 315
- reaction to orthodontic forces on vitreous carbon dental implants (Sherman), 79
- Brackets, directly bonded orthodontic, effect of topical fluoride, after acid etching, on bond strength of, 682 (Abst.)
- metal, direct bonding of, posttreatment survey (Newman), 197
- orthodontic, bonded, enamel characteristics on removal of (Burapavong) 176
- types and adhesives, clinical comparison of direct versus indirect bonding with different (Zachrisson and Brobakken), 62
- British Association of Orthodontists schedules tenth annual conference in Chester, England, 115

C

- Canadian Association of Orthodontists, 704
- sets September date for 1979 annual meeting in Winnipeg, 108, 226
- Canine, palatally impacted; new approach to (Becker and Zilberman), 422
- Caries, dental, microbial aspects of, 220 (B. rev.)
- Centric relation and centric occlusion (Parker), 481
- and maximum intercuspation, comparisons between (Williamson et al.), 672
- method for treating to; occlusal objectives in orthodontic treatment (Aubrey), 162
- Cephalometric analysis: comparisons between maximum intercuspation and centric relation (Williamson et al.), 672
- standards for American Negro children (Alexander and Hitchcock), 298
- Cephalometrics, atlas of, 221 (B. rev.)
- reliability of soft-tissue profile in (Hillesund, Fjeld, and Zachrisson), 537
- Cervical traction, heavy intermittent, in Class II treatment (Mills, Holman, and Graber), 361
- Chewing lesion of cheeks and lips, 590 (Abst.)
- Children, American Negro, cephalometric standards for (Alexander and Hitchcock), 298
- Children's Dental Health Week, 692
- Cleft palate orofacial growth and dentistry, state of art in (Berkowitz), 564
- Clicker era, end of (Quinn), 314
- Cooley's anemia—orthodontic and surgical treatment (Silling and Moss), 444
- Copyright law, new; questions and answers, rights and limitations, 112
- Correlation of tooth circumferences (Campbell, Zimmerman, and Tomlinson), 656
- Craniofacial growth atlas, clinical use of (Primack), 501
- in case of congenital muscular dystrophy (Kreiborg et al.), 207
- Cross-bite, posterior, midpalatal suture opening during correction (Harberson and Myers), 310

D

- Degrees, earned, use of, 219 (Editorial)
- Dental attractiveness, perceptions of, and friend selection in schoolchildren, 686 (Abst.)

Dental—Cont'd

- caries, microbial aspects of, 220 (B. rev.)
- fee increases less than medical in new breakdown in U.S. Consumer Price Index, 114
- implants, vitreous carbon, bone reaction to orthodontic forces on (Sherman), 79
- prosthesis, compendium, 221 (B. rev.)
- Dentistry, cleft palate orofacial growth and, state of art in (Berkowitz), 564
- multiple choice questions in anatomical sciences for students of, 337 (B. rev.)
- Denver Summer Meeting schedules 4-day session for its fortieth annual session, 115
- Dewel, B. F., tribute to, 466 (Editorial)
- Dewey, Martin E., Memorial Award, presentation to Robert E. Gaylord, 700
- response, 701
- presentation to Hugh A. Sims, 702
- response, 703
- Distinguished Service Scroll, presentation to Wilbur M. Shankland, 463
- response, 464
- presentation to Hugh A. Sims, 460
- response, 462
- Dwarfism, pituitary, abnormalities of tooth development in, 590 (Abst.)
- Dystrophy, congenital muscular, craniofacial growth in case of (Kreiborg et al.), 207

E

- Edgewise technique; evaluation of straight arch wire technique (Schwaninger), 188
- Editorial; AAO House sets new standards and reaffirms old policies, 96
- ... and a time to retire, 334
- Dewel's dedication, 466
- genetic considerations in clinical orthodontics, 467
- joint responsibilities for improving orthodontic education and practice, 218
- on the identity of orthodontics and orthodontists, 100
- suggestions from soothing soothsayers, 678
- the Class II isn't second class, 587
- the use of earned degrees, 219
- Elastic threads, orthodontic, relaxation of, 684 (Abst.)
- Electromyographic response, early and late, to treatment with activators (Ahlgren), 88
- Enamel, effect of various pretreatment methods, in bonding procedures (Brännström, Nordenvall, and Malmgren), 522
- bonded immediate tooth replacement (Rakow and Light), 430
- loss during orthodontic bonding and subsequent loss during removal of filled and unfilled adhesives (Brown and Way), 663
- surface characteristics on removal of bonded orthodontic brackets (Burapavong et al.), 176
- Enlow, Donald H., elected honorary member of American Association of Orthodontists, 350
- Equilibration, occlusal; occlusal objectives in orthodontic treatment (Aubrey), 162

- European Orthodontic Society announces new 1979 quarterly to replace annual EOS Transactions, 347
- holds successful fifty-fourth Congress in The Netherlands, 344
- Extraoral forces, controlled, protraction of maxilla in rhesus monkeys by (Nanda), 121

F

- Face-bow neck strap and high-pull molar headgear therapy, cephalometric evaluation of (Brown), 621
- Facial profile, soft tissue, of North American Blacks, 685 (Abst.)
- Fluoride, topical, effect of, after acid etching, on bond strength of directly bonded orthodontic brackets, 682 (Abst.)
- Forces, controlled extraoral, protraction of maxilla in rhesus monkeys by (Nanda), 121
- magnetic, in orthodontics (Blechman and Smiley), 435
- orthodontic, and recurrence of periodontal disease (Ericsson and Thilander), 41
- on vitreous carbon dental implants, bone reaction to (Sherman), 79
- production by closed coil springs (Webb, Caputo, and Chaconas), 405
- pulsating, in orthodontic treatment (Oates, Moore, and Caputo), 577
- Fractures of middle third of facial skeleton, 469 (B. rev.)

G

- Genetic considerations in clinical orthodontics, 467 (Editorial)
- Gnathologic orthodontics (Cottingham), 454
- Great Lakes Society of Orthodontists, 225
- Growth, cleft palate orofacial, and dentistry, state of art in (Berkowitz), 564
- craniofacial, atlas, clinical use of (Primack), 501
- in case of congenital muscular dystrophy (Kreiborg et al.), 207
- longitudinal mandibular, in children with tantalum implants (Mathews and Ware), 633
- mechanics, and Class II corrections (Hultgren et al.), 388
- patterns, prenatal, of human mandible and masseter muscle complex (Burdí and Spyropoulos), 380
- related concept for skeletal Class II treatment (Teuscher), 258

H

- Headgear, high-pull molar, and face-bow neck strap therapy, cephalometric evaluation of (Brown), 621
- treatment, extended observation of, 470 (Abst.)
- Help needed in identifying girl, 693
- sought in search for missing patients, 232, 346, 705
- Herpes simplex labialis history defined; study measures severity of cold sores; investigators evaluate Ara-AMP treatment, 469 (Abst.)
- Honors and awards, 226

- I**
- In memoriam
William T. Chapman, 681
Gustav Korkhaus, 681
- Incisors, lower lateral, orthodontic treatment for ectopic eruption of (Järvinen), 318
mandibular, movement, mucogingival changes resulting from (Dorfman), 286
maxillary, vertical lip changes from retraction of (Jacobs), 396
solitary maxillary central, and short stature, 590 (Abst.)
- Intercuspation, maximum, and centric relation, comparisons between (Williamson et al.), 672
- Intrauterine variations in tooth positioning and axial rotations, 686 (Abst.)
- J**
- Japan Orthodontic Society to hold thirty-seventh annual meeting in Osaka, 115, 233
- K**
- Ketcham, Albert H., Memorial Award, presentation to Arthur B. Lewis, 458
response, 460
- L**
- Letter to editor, 216
- Lip changes, vertical, from maxillary incisor retraction (Jacobs), 396
- Long face syndrome: comparative study between SFS and LFS rotation as possible morphogenic mechanism (Opdebeeck et al.), 509
- Longitudinal mandibular growth in children with tantalum implants (Mathews and Ware), 633
- M**
- Magnetic force in orthodontics (Blechman and Smiley), 435
- Malocclusions, adult, surgical-orthodontic correction of: single-tooth dento-osseous osteotomies (Epker and Paulus), 551
Class II, corrections, mechanics, growth, and (Hultgren et al.), 388
growth-related concept for skeletal Class II treatment (Teuscher), 258
isn't second class, 587 (Editorial)
mandibular plane changes during maxillary retraction (Baumrind et al.), 32, 603
Division I; early and late electromyographic response to treatment with activators (Ahlgren), 88
heavy intermittent cervical traction in treatment (Mills, Holman, and Graber), 361
- Mandible, human, and masseter muscle complex, prenatal growth patterns of (Burd and Spyropoulos), 380
modified sagittal osteotomy of (Pawlak et al.), 450
- Mandibular arch length, subapical osteotomy to increase (Bell), 276
growth, longitudinal, in children with tantalum implants (Mathews and Ware), 633
- Mandibular—Cont'd
plane changes during maxillary retraction (Baumrind et al.), 32, 603
- Masseter muscle complex, prenatal growth patterns of human mandible and (Burd and Spyropoulos), 380
- Maxilla, protraction of, in rhesus monkeys by controlled extraoral forces (Nanda), 121
- Maxillary retraction, mandibular plane changes during (Baumrind et al.), 32, 603
- Mechanics, growth, and Class II corrections (Hultgren et al.), 388
- Middle Atlantic Society of Orthodontists, 106, 227
- Midpalatal suture opening during functional posterior cross-bite correction (Harberson and Myers), 310
- Midwestern Society of Orthodontists, 116, 225, 341
- Molar headgear, high-pull, and face-bow neck strap therapy, cephalometric evaluation of (Brown), 621
- Mucogingival changes resulting from mandibular incisor tooth movement (Dorfman), 286
- Muscular dystrophy, congenital, craniofacial growth in case of (Kreiborg et al.), 207
- Myofunctional therapy, 101 (B. rev.)
- N**
- Neck strap, face-bow, and high-pull headgear therapy, cephalometric evaluation of (Brown), 621
- Negro children, American, cephalometric standards for (Alexander and Hitchcock), 298
- News and comment, 105, 222, 338, 471, 592, 688
- Northeastern Society of Orthodontists, 234, 351, 598
- O**
- Occlusal development, uninhibited, role of (Rabine), 51
objectives in orthodontic treatment (Aubrey), 162
- Occlusion, centric, centric relation and (Parker), 481
- Oral biology, biochemistry and, 336 (B. rev.)
hygiene in oral health, 337 (B. rev.)
- Orofacial growth, cleft palate, and dentistry, state of art in (Berkowitz), 564
- Orthodontic and surgical treatment of Cooley's anemia (Silling and Moss), 444
band selection; correlation of tooth circumferences (Campbell, Zimmerman, and Tomlinson), 656
bonding, enamel loss during, and subsequent loss during removal of filled and unfilled adhesives (Brown and Way), 663
brackets, bonded, enamel surface characteristics on removal of (Burapavong et al.), 176
education and practice, joint responsibilities for improving, 218 (Editorial)
orthodontics 1985-90 (Di Salvo), 305
elastic threads, relaxation of, 684 (Abst.)
forces and recurrence of periodontal disease (Ericsson and Thilander), 41

Orthodontic forces—Cont'd

- on vitreous carbon dental implants, bone reaction to (Sherman), 79
- production by closed coil springs (Webb, Caputo, and Chaconas), 405
- practice, clinical photography in (Stutts), 1
- treatment, correlation of hard and soft tissue changes during, using multiple regression analysis, 684 (Abst.)
- occlusal objectives in (Aubrey), 162
- of ectopic eruption of lower lateral incisors (Järvinen), 318
- pulsating forces in (Oates, Moore, and Caputo), 577
- with removable appliances, 336 (B. rev.)
- Orthodontics and orthodontists, on identity of, 100 (Editorial)
- basic principles and practice, 103 (B. rev.)
- clinical, genetic considerations in, 467 (Editorial)
- continuing education courses sponsored by university dental schools, 117, 234, 352, 474, 598, 707
- gnathologic (Cottingham), 454
- magnetic force in (Blechman and Smiley), 435
- 1985-90 (Di Salvo), 305
- surgical, simplified metal bone-marker method for evaluation of (Robinson and Tanaka), 315
- Osteotomy, modified sagittal, of mandible (Pawlak et al.), 450
- single-tooth dento-osseous; surgical-orthodontic correction of adult malocclusions (Epker and Paulus), 551
- subapical, to increase mandibular arch length (Bell), 276
- Overbite: craniofacial associations, treatment and posttreatment changes, 685 (Abst.)
- P
- Pacific Coast Society of Orthodontists, 109, 228, 471, 706
- Pedodontics, dental residency in, 706
- Periodontal disease, orthodontic forces and recurrence of (Ericsson and Thilander), 41
- Periodontics in general practice, 104 (B. rev.)
- Phosphoric acid penetration during direct bonding, 682 (Abst.)
- Photography, clinical, in orthodontic practice (Stutts), 1
- Pituitary dwarfism, abnormalities of tooth development in, 590 (Abst.)
- Practice announcements, 119, 239, 356, 479, 601, 707
- Premolars, indications for autotransplantation in cases of (Slagvold and Bjercke), 241
- Profile, soft tissue facial, of North American Blacks, 685 (Abst.)
- reliability of, in cephalometrics (Hillesund, Fjeld, and Zachrisson), 537
- Prosthesis; end of "clicker" era (Quinn), 314
- Pulsating forces in orthodontic treatment (Oates, Moore, and Caputo), 577

R

- Radiographs, periodic identical intraoral, 470 (Abst.)
- Resin combinations, unfilled and filled, evaluation of shear strength measurements of (Moin and Dogon), 531
- Retraction, maxillary incisor, vertical lip changes from (Jacobs), 396
- mandibular plane changes during (Baumrind et al.), 32, 603
- Rocky Mountain Society of Orthodontists, 117, 694
- Ruga points, changes in position of posterior teeth in relation to (van der Linden), 142

S

- Sagittal osteotomy, modified, of mandible (Pawlak et al.), 450
- Shear strength measurements of unfilled and filled resin combinations, evaluation of (Moin and Dogon), 531
- Short face syndrome, 40 (Erratum)
- comparative study between SFS and LFS rotation as possible morphogenic mechanism (Opdebeeck et al.), 509
- Societies, hospitals, and foundations, 113, 229, 339, 472, 595, 705
- Soft-tissue profile, reliability of, in cephalometrics (Hillesund, Fjeld, and Zachrisson), 537
- Southern Society of Orthodontists, 227, 597
- Southwestern Society of Orthodontists, 112, 224, 695
- Springs, closed coil, orthodontic force production by (Webb, Caputo, and Chaconas), 405
- Stature, short, solitary maxillary central incisor and, 590 (Abst.)
- Surgical and orthodontic treatment of Cooley's anemia (Silling and Moss), 444
- Surgical-orthodontic correction of adult malocclusions: single-tooth dento-osseous osteotomies (Epker and Paulus), 551
- orthodontics, simplified metal bone-marker method for evaluation (Robinson and Tanaka), 315
- Survey of Dental Practice available, 693

T

- Tantalum implants, longitudinal mandibular growth in children with (Mathews and Ware), 633
- Teeth, posterior, changes in position of, in relation to ruga points (van der Linden), 142
- upper anterior, missing, applicability of autotransplantation in cases of (Slagvold and Bjercke), 410
- Temporomandibular joint problems; centric relation and centric occlusion (Parker), 481
- Thumb-sucking, longitudinal investigation of arrested, in children, 683 (Abst.)
- Tooth circumferences, correlation of (Campbell, Zimmerman, and Tomlinson), 656
- development, abnormalities of, in pituitary dwarfism, 590 (Abst.)
- enamel-bonded, immediate replacement (Rakow and Light), 430

Tooth—Cont'd

- mandibular incisor, movement, mucogingival changes resulting from (Dorfman), 286
- positioning and axial rotations, intrauterine variations in, 686 (Abst.)
- Traction, cervical, heavy intermittent, in Class II treatment (Mills, Holman, and Graber), 361
- devices, extraoral elastic and coil spring, behavioral evaluation of patient cooperation in use of, 687 (Abst.)
- Tweed, Charles H., Foundation for Orthodontic Research sets September date for California meeting, 116

U

- United States Dental Institute litigation terminated, 111

V

- Virginia Orthodontic Society, 474
- Vitreous carbon dental implants, bone reaction to orthodontic forces on (Sherman), 79

W

- Weber, Faustin N., honored by University of Tennessee, 473
- Wisconsin Society of Orthodontists, 473

